

0420
H-28-01.

0420
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#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/809,827

DATE: 03/30/2001

TIME: 15:00:36

Input Set : A:\420d6.app.txt

Output Set: N:\CRF3\03302001\I809827.raw

ENTERED

4 <110> APPLICANT: Anderson, Christen M.
5 Davis, Robert E.
6 Clevenger, William
7 Wiley, Sandra Eileen
8 Willer, Scott W.
9 Szabo, Tomas R.
10 Ghosh, Soumitra S.
11 Moos, Walter H.
12 Pei, Yazhong
14 <120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT),
15 NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
17 <130> FILE REFERENCE: 660088.420D6
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/809,827
20 <141> CURRENT FILING DATE: 2001-03-16
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 894
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
31 <400> SEQUENCE: 1
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34 gccagcaaac agatcagtg c tgagaagcag tacaagggga tcattgattg tgtggtgaga 180
35 atccctaagg agcagggctt cctctccttc tggaggggta acctggccaa cgtgatccgt 240
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41 caaggcatca ttatctatag agctgcctac ttcgaggtct atgatactgc caaggggatg 600
42 ctgcctgacc ccaagaacgt gcacattttt gtgagctgga tgattgccca gagtgtgacg 660
43 gcagtcgcag ggctgctgtc ctaccctttt gacactgttc gtcgtagaat gatgatgcag 720
44 tccggccgga aaggggccga tattatgtac acggggacag ttgactgctg gaggaagatt 780
45 gcaaaagacg aaggagccaa ggccttcttc aaagggtgct ggtccaatgt gctgagaggc 840
46 atgggcggtg cttttgtatt ggtgttgtat gatgagatca aaaaatatgt ctaa 894
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 897
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapien
53 <400> SEQUENCE: 2
54 atgacagatg ccgcattgtc cttcgccaag gacttctctgg caggtggagt ggccgcagcc 60
55 atctccaaga cggcggtagc gcccatcgag cgggtcaagc tgctgctgca ggtgcagcat 120
56 gccagcaagc agatcactgc agataagcaa tacaagggca ttatagactg cgtgggtccgt 180
57 attcccaagg agcaggaagt tctgtccttc tggcgcggtg acctggccaa tgtcatcaga 240
58 tacttcccca ccaggtctct taacttcgcc ttcaaagata aatacaagca gatcttctctg 300
59 ggtggtgtgg acaagagaac ccagttttgg cgctactttg cagggaatct ggcacggtg 360

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60 ggtgccgcag gggccacatc cctgtgtttt gtgtaccctc ttgattttgc ccgtaccctg 420
61 ctagcagctg atgtgggtaa agctggagct gaaagggaat tccgaggcct cggtgactgc 480
62 ctggttaaga tctacaaatc tgatgggatt aagggcctgt accaaggcct taacgtgtct 540
63 gtgcagggta ttatcatcta ccgagccgcc tacttcggta tctatgacac tgcaaagggg 600
64 atgcttccgg atcccaagaa cactcacatc gtcacagct ggatgatcgc acagactgtc 660
65 actgctgttg ccgggttgac ttcttatcca ttgacaccg ttccgcgcgc catgatgatg 720
66 cagtcagggc gcaaaggaa tgacatcatg tacacaggca cgcttgactg ctggcggaag 780
67 attgctcgtg atgaaggagg caaagctttt ttcaagggtg catgggtccaa tgttctcaga 840
68 ggcattgggt gtgcttttgt gcttgtcttg tatgatgaaa tcaagaagta cacataa 897

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70 <210> SEQ ID NO: 3

71 <211> LENGTH: 897

72 <212> TYPE: DNA

73 <213> ORGANISM: Homo sapien

75 <400> SEQUENCE: 3

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76 atgacggaac aggccatctc cttcgccaaa gacttcttgg ccggaggcat cgccgcgcgc 60
77 atctccaaga cggccgtggc tccgatcgag cgggtcaagc tgctgctgca ggtccagcac 120
78 gccagcaagc agatcgccgc cgacaagcag tacaagggca tcgtggactg cattgtccgc 180
79 atccccaagg agcagggcgt gctgtccttc tggaggggca accttgccaa cgtcatctgc 240
80 tacttcccca ctcaagccct caacttcgcc ttcaaggata agtacaagca gatcttctg 300
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83 ctggcagcgg acgtgggaaa gtcaggcaca ggcgcgagt tccgaggcct gggagactgc 480
84 ctggtgaaga tcaccaagtc cgacggcatc cggggcctgt accaggcctt cagtgtctcc 540
85 gtgcagggca tcatcatcta ccgggcggcc tacttcggcg tgtacgatac ggccaagggc 600
86 atgctccccc accccaagaa caccgacatc gtgggtgagt ggatgatcgc gcagaccgtg 660
87 acggccgtgg ccggcgttgt gtcctacccc ttcgacacgg tgcggcggcg catgatgatg 720
88 cagtcggggc gcaaaggagc tgacatcatg tacacgggca ccgtcgactg ttggaggaag 780
89 atcttcagag atgagggggg caaggccttc ttcaagggtg cgtgggtccaa cgtcctgcgg 840
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93 <211> LENGTH: 43

94 <212> TYPE: DNA

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: PCR Primer

100 <400> SEQUENCE: 4

101 ttatatctcg agtatgggtg atcacgcttg gagcttccta aag 43

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104 <211> LENGTH: 43

105 <212> TYPE: DNA

106 <213> ORGANISM: Artificial Sequence

108 <220> FEATURE:

109 <223> OTHER INFORMATION: PCR Primer

111 <400> SEQUENCE: 5

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115 <211> LENGTH: 43

116 <212> TYPE: DNA

117 <213> ORGANISM: Artificial Sequence

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119 <220> FEATURE:
120 <223> OTHER INFORMATION: PCR Primer
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126 <211> LENGTH: 43
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128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: PCR Primer
133 <400> SEQUENCE: 7
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136 <210> SEQ ID NO: 8
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 8
145   ttatatctcg agtatgacgg aacaggccat ctccttcgcc aaa          43
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 44
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PCR Primer
155 <400> SEQUENCE: 9
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158 <210> SEQ ID NO: 10
159 <211> LENGTH: 21
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Sequence primer
166 <400> SEQUENCE: 10
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169 <210> SEQ ID NO: 11
170 <211> LENGTH: 18
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Sequence primer
177 <400> SEQUENCE: 11
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180 <210> SEQ ID NO: 12
181 <211> LENGTH: 45
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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Input Set : A:\420d6.app.txt

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186 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
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189 ggagatggcc tgttccgtca tcttatcgtc atcgtcgtac agatc      45
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192 <211> LENGTH: 45
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
199 <400> SEQUENCE: 13
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203 <211> LENGTH: 35
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: PCR primer
210 <400> SEQUENCE: 14
211 cccggggaat tctgatgacg gaacaggcca tctcc      35
213 <210> SEQ ID NO: 15
214 <211> LENGTH: 34
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: PCR primer
221 <400> SEQUENCE: 15
222 cccgggctcg agttagagtc accttcttga gctc      34
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225 <211> LENGTH: 41
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
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230 <223> OTHER INFORMATION: PCR primer
232 <400> SEQUENCE: 16
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236 <211> LENGTH: 41
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: PCR primer
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248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
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252 <223> OTHER INFORMATION: Sequencing primer

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263 <223> OTHER INFORMATION: Sequencing primer
265 <400> SEQUENCE: 19
266 acttcaagga gaatttcc 18
268 <210> SEQ ID NO: 20
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270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Sequencing primer
276 <400> SEQUENCE: 20
277 acttcgcctt cacggata 18
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 18
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Sequencing primer
287 <400> SEQUENCE: 21
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290 <210> SEQ ID NO: 22
291 <211> LENGTH: 18
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Sequencing primer
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299 tgaagcggaa gttcctat 18
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 18
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Sequencing primer
309 <400> SEQUENCE: 23
310 atgccggttc ccgtacga 18
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 31
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
320 <400> SEQUENCE: 24

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VERIFICATION SUMMARY

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Input Set : A:\420d6.app.txt

Output Set: N:\CRF3\03302001\I809827.raw

L:19 M:270 C: Current Application Number differs, Wrong Format